

Recombinant

DGRmAb®

## Estrogen Receptor alpha (DGR20010) Rabbit mAb

db14385

Package : 10µL 20µL 50µL 100µL

**Product Name** : Estrogen Receptor alpha (DGR20010) Rabbit mAb**Cat.No.:** db14385**Synonyms** : ER; ESR; Era; ESRA; ESTRR; NR3A1**Application** : WB, IHC-P**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes an estrogen receptor, a ligand-activated transcription factor composed of several domains important for hormone binding, DNA binding, and activation of transcription. The protein localizes to the nucleus where it may form a homodimer or a heterodimer with estrogen receptor 2. Estrogen and its receptors are essential for sexual development and reproductive function, but also play a role in other tissues such as bone. Estrogen receptors are also involved in pathological processes including breast cancer, endometrial cancer, and osteoporosis. Alternative promoter usage and alternative splicing result in dozens of transcript variants, but the full-length nature of many of these variants has not been determined. [provided by RefSeq, Mar 2014]

**Immunogen**

A synthetic peptide of human Estrogen Receptor alpha

**Gene ID**

2099

**Swiss Prot**

P03372

**Synonyms**

ER; ESR; Era; ESRA; ESTRR; NR3A1

**Reactivity**

Human

**Application**

WB, IHC-P

**Recommended dilution**WB: 1:1000  
IHC-P: 1:200-1:1000**Calculated MW**

66 kDa

**Observed MW**

66 kDa

**Host species**

Rabbit

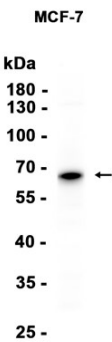
**Clonality**

Monoclonal

**Clonality No.**

DGR20010

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from MCF-7 cells using db14385 at 1:1000.